

9 October 1964

The Honorable Cyrus R. Vance
Deputy Secretary of Defense
Washington, D. C.

Dear Mr. Secretary:

At Tuesday's NRO ExCom meeting Mr. McCone commented on the draft of proposed working arrangements for systems engineering of the [redacted] program.

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A copy of that draft is attached for your information.

Faithfully yours,

Marshall S. Carter
Lieutenant General, USA

Attachment

MSC:blp

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FUNCTION OF AN SE CONTRACTOR

Scope:

Implement the Technical Direction of research, development, production, and testing by associate contractors in assigned programs.

Basic decisions on [] program and general guidance and approval authority rests in the Program Office - []

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Functions:

The Contractor shall perform the following System Engineering functions:

- 1) Determine system requirements and establish performance specifications for assigned programs through studies and analyses.
- 2) Recommend required R&D and experimental programs required to ensure achievement of the objectives of the assigned programs.
- 3) Analyze and recommend requirements for
 - (a) Design control specifications
 - (b) Acceptance Test specifications
 - (c) Engineering analysis reports
 - (d) Other related reports, procedures and specifications.

The contractor shall present all such documents including pertinent revisions with suitable recommendations to the [] for review and action.

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- 4) Evaluate system, subsystem and component I&T program and prepare recommendations as required.
- 5) Prepare and coordinate Technical Directives in accordance with procedure developed for such coordination by
- 6) Conduct continuing evaluation of system, subsystem and component performance to determine compliance with all functional and operational requirements. Prepare and submit reports and recommendations for system design improvements as indicated.
- 7) Establish program milestones and maintain a master program schedule.
- 8) Evaluate and report program progress periodically.
- 9) Perform technical evaluation of requests from associate contractors for design and/or performance waivers on components, subsystems, and end item equipment, and ground support equipment. Make appropriate recommendations to
- 10) Evaluate and provide recommendations to associate contractors to assure maximum interchangeability and compatibility of associate subsystems and equipment.
- 11) Evaluate and provide recommendations to associate contractors in the integration of subsystems, operating procedures and plans, tests and test operation.
- 12) Review and evaluate reliability programs established by associate contractors to assure consistency, quality and adequacy of effort.

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- 13) Review associate contractors work statements to insure fulfillment of technical performance requirements.
- 14) Witness qual and acceptance tests of the associate contractors deliverable end items, participate in the evaluation of test data and make recommendations there on
- 15) Review associate internal engineering change orders to determine if interface problems exist.
- 16) Perform such other functions as may direct.

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